

Converting Colors

XYZ(38.0223, 38.4530, 40.3768)

Have a look what the booklet for
XYZ(38.0223, 38.4530, 40.3768)
contains.

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Color

**XYZ(38.1078, 38.5784,
40.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A4A4
RGB	177, 164, 164
RGB Percent	69%, 64%, 64%
CMY	0.3059, 0.3568, 0.3569
CMYK	0.00, 0.07, 0.07, 0.31
HSL	0°, 8%, 67%
HSV	0°, 7%, 69%
XYZ	38.1078, 38.5784, 40.5598
YIQ	167.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

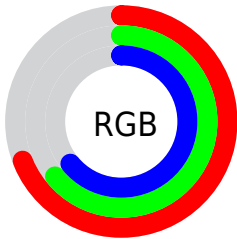
Format	Color
RYB	177, 164, 164
Decimal	11642020
CIELab	68.44, 4.70, 1.69
CIELCh	68, 4.999, 19.756
Yxy	38.5784, 0.3250, 0.3290
Android (android.graphics.Color)	4289832100 (0xFFB1A4A4)
YUV	167.8870, -1.9163, 7.9921
Hunter-Lab	62.1115, 0.8215, 4.7608

Details

The XYZ color **38.1078, 38.5784, 40.5598** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9677, 42.5104, 47.7470**, and the grayscale version is **37.1714, 39.1072, 42.5877**.

A 20% lighter version of the original color is **71.7220, 73.1011, 77.3476**, and **17.0310, 17.0433, 17.7213** is the 20% darker color. If you saturate the color by 10%, you get **33.6700, 32.0850, 31.7355**, and if you desaturate by 10%, it is **43.2109, 46.0455, 50.7044**.

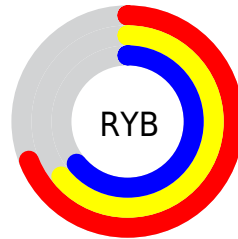
Distribution



Red (69%)

Green (64%)

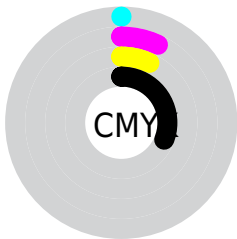
Blue (64%)



Red (69%)

Yellow (64%)

Blue (64%)

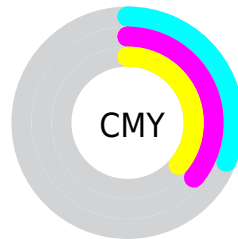


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1078, 38.5784, 40.5598 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.1078, 38.5784, 40.5598 by changing the saturation by 10% instead.


 38.1078, 38.5784,
40.5598


 38.1078, 38.5784,
40.5598


329.3550,
340.0947, 364.0994

 26.2440, 26.4319,
27.6582


 71.5762, 72.9938,
77.2616

 17.1399, 17.1470,
17.8314


 93.9114, 96.0315,
101.8989

 10.4302, 10.3394,
10.6608


120.4678,
123.4684, 131.2851

 5.7496, 5.6246,
5.7279

151.6108,
155.6889, 165.8388

 2.7326, 2.6182,
2.6143

187.7056,
193.0774, 205.9785

 1.0140, 0.9358,
0.8998

229.1177,

 0.0000, 0.0000,

236.0183, 252.1229

0.0000

276.2124,
284.8959, 304.6903

■ 38.1078, 38.5784,
40.5598

■ 38.1078, 38.5784,
40.5598

■ 33.6700, 32.0850,
31.7355

■ 43.2109, 46.0455,
50.7044

■ 29.8670, 26.5204,
24.1748

■ 49.0018, 54.5186,
62.2179

■ 26.6709, 21.8436,
17.8208

■ 55.5057, 64.0351,
75.1494

■ 24.0502, 18.0088,
12.6110

■ 62.7458, 74.6287,
89.5447

■ 21.9708, 14.9659,
8.4775

■ 70.7442, 86.3318,
105.4479

■ 20.3949, 12.6597,
5.3451

■ 71.9417, 88.0872,
107.8185

■ 19.2798, 11.0278,
3.1289

■ 18.5758, 9.9975,
1.7301

■ 18.2089, 9.4605,
1.0013

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.1744, 38.5784, 42.7794



38.1078, 38.5784, 40.5598



37.6522, 38.5784, 38.7887

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.1078, 38.5784, 40.5598



35.5266, 38.5784, 39.2718



36.3996, 38.5784, 46.4082

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.1078, 38.5784, 40.5598



38.9677, 42.5104, 47.7470

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.7003, 38.5784, 45.3950



38.1078, 38.5784, 40.5598



35.2010, 38.5784, 41.2406

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.1078, 38.5784, 40.5598



36.1593, 38.5784, 38.0637



35.2642, 38.5784, 43.4848



37.1806, 38.5784, 46.2100

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.1078, 38.5784, 40.5598



37.1928, 38.5784, 38.0755



35.2642, 38.5784, 43.4848



36.1474, 38.5784, 46.1966

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.1089, 38.5801, 40.5606



72.9524, 75.9741, 81.9893



39.3433, 39.0729, 47.0637



15.8320, 16.4971, 17.8122



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1089, 38.5801, 40.5606



66.7260, 66.8636, 69.6102



39.3015, 40.9653, 40.9582



8.4965, 8.5056, 8.8465



13.1373, 6.7731, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.9677, 42.5104, 47.7470



68.6199, 75.5307, 85.4575



37.7148, 40.0047, 47.3294



8.7425, 9.6312, 10.9046



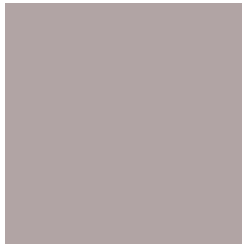
17.1347, 25.0698, 34.0729



0.5392, 0.7889, 1.0721

Previews

White Background



This preview shows how the XYZ color 38.1078, 38.5784, 40.5598 looks on a white background.

Color Contrast Check

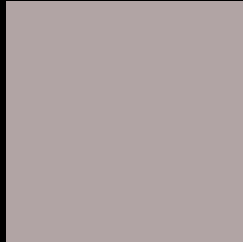
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.1078, 38.5784, 40.5598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

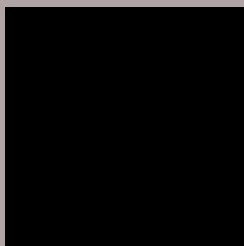
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

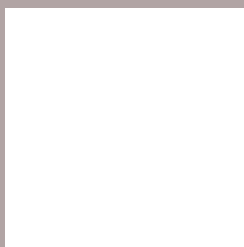
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1078, 38.5784, 40.5598

Background



This preview shows how black text looks on a background with the XYZ color 38.1078, 38.5784, 40.5598.

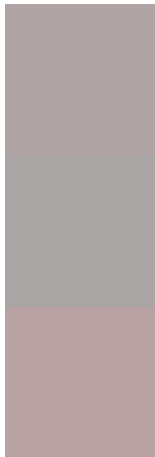


This preview shows how white text looks on a background with the XYZ color 38.1078, 38.5784,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.1078, 38.5784, 40.5598

Protanopia

37.0053, 38.5351, 41.0849

Deuteranopia

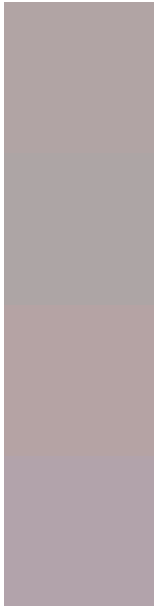
39.3883, 38.7113, 40.5180



Tritanopia

39.2486, 38.5195, 45.9238

Trichromacy



Original Color

38.1078, 38.5784, 40.5598

Protanomaly

37.4802, 38.5111, 41.0553

Deuteranomaly

38.8541, 38.6985, 40.5437

Tritanomaly

38.8080, 38.5996, 43.9332

Monochromacy



Original Color

38.1078, 38.5784, 40.5598

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5884, 39.0854, 42.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1078, 38.5784, 40.5598 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.1078, 38.5784, 40.5598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 164, 164) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(177, 164, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(177, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1078, 38.5784, 40.5598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
164, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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